

FORM PTO-1390 MODIFIED	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER 1035-548
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 C.F.R. 1.5) <b>10/516333</b> unassigned	
INTERNATIONAL APPLICATION NO. PCT/JP03/06796	INTERNATIONAL FILING DATE 29 May 2003	PRIORITY DATE CLAIMED 31 May 2002	
<b>TITLE OF INVENTION</b> <b>PIEZOELECTRIC ELEMENT BASED ON SUPERHIGH-ORIENTED ALUMINUM NITRIDE THIN FILM AND MANUFACTURING METHOD THEREOF</b>			
<b>APPLICANT(S) FOR DO/EO/US</b> <b>Morito AKIYAMA et al.</b>			
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:			
1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below. 4. <input type="checkbox"/> The U.S. has been elected by the expiration of 19 months from the priority date (Article 31). 5. A copy of the International Application as filed (35 U.S.C. 371(c)(2)). a. <input type="checkbox"/> is attached hereto (      pages specification, claims & abstract (      claims),      sheets drawings). b. <input checked="" type="checkbox"/> has been communicated by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US). 6. <input checked="" type="checkbox"/> An English language translation a. <input checked="" type="checkbox"/> of the International Application as filed (35 U.S.C. 371(c)(2)) is attached hereto (57 pages specification, claims & abstract (23 claims), 13 sheets drawings,      page Certificate of Translation). b. <input type="checkbox"/> of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. § 371(c)(5)). 7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau). b. <input type="checkbox"/> have been communicated by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has <b>NOT</b> expired. d. <input type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. a. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). b. <input type="checkbox"/> Declaration was submitted to the International Bureau during International Phase (see copies of Declaration (      page Form PCT/RO/101 and Form PCT/IB/371 and first page of printed publication acknowledging receipt thereof attached). 10. See item 6.b. above. <b>Items 11 To 20 below concern document(s) or information included:</b>			
11. <input type="checkbox"/> An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 C.F.R. 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A <b>FIRST</b> preliminary amendment. 14. <input type="checkbox"/> A <b>SECOND</b> or <b>SUBSEQUENT</b> preliminary amendment. 15. <input type="checkbox"/> A substitute specification. 16. <input type="checkbox"/> A change of power of attorney and/or address letter. 17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821-1.825. 18. <input type="checkbox"/> A second copy of the published international application under 35 U.S.C. 154(d)(4). 19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). 20. <input checked="" type="checkbox"/> Other items or information. Form PCT/IB/304; Form PCT/IB/308; front page of published WO 03/103066			

U.S. APPLICATION NO. (if known, see 37 C.F.R. 1.25) <b>10/1516533</b> unassigned	INTERNATIONAL APPLICATION NO. <b>PCT/JP03/06796</b>	ATTORNEY'S DOCKET NUMBER <b>1035-548</b>																									
21. <input checked="" type="checkbox"/> The following fees are submitted:		<b>CALCULATIONS PTO USE ONLY</b>																									
<b>BASIC NATIONAL FEE (37 C.F.R. 1.492(a)(1)-(5):</b> <ul style="list-style-type: none"> <li>-- Neither international preliminary examination fee (37 C.F.R. 1.482) nor international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO.....\$1110.00</li> <li>-- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....\$950.00</li> <li>-- International preliminary examination fee (37 C.F.R. 1.482) not paid to USPTO but international search fee (37 C.F.R. 1.445(a)(2)) paid to USPTO.....\$790.00</li> <li>-- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....\$750.00</li> <li>-- International preliminary examination fee (37 C.F.R. 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....\$100.00</li> </ul>																											
<b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>		\$ <b>950.00</b>																									
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input checked="" type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(e)).		\$ <b>130.00</b>																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th colspan="2">RATE</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>23</td> <td>minus 20 =</td> <td>3</td> <td>X \$18.00</td> </tr> <tr> <td>Independent Claims</td> <td>7</td> <td>minus 3 =</td> <td>4</td> <td>X \$88.00</td> </tr> <tr> <td colspan="3"><b>MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</b></td> <td colspan="2">\$300.00</td> </tr> <tr> <td colspan="3"></td> <td>\$</td> <td>0.00</td> </tr> </tbody> </table>		CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		Total Claims	23	minus 20 =	3	X \$18.00	Independent Claims	7	minus 3 =	4	X \$88.00	<b>MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</b>			\$300.00					\$	0.00	
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<b>MULTIPLE DEPENDENT CLAIMS(S) (if applicable)</b>			\$300.00																								
			\$	0.00																							
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$430.00/2 months; \$980.00/3 months)		\$ <b>0.00</b>																									
<b>TOTAL OF ABOVE CALCULATIONS =</b>		<b>\$ 1486.00</b>																									
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.		0.00																									
<b>SUBTOTAL =</b>		<b>\$ 1486.00</b>																									
Processing fee of \$130.00, for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 C.F.R. 1.492(f)).		+ 0.00																									
<b>TOTAL NATIONAL FEE =</b>		<b>\$ 1486.00</b>																									
Fee for recording the enclosed assignment (37 C.F.R. 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 C.F.R. 3.28, 3.31). \$40.00 per property		+ \$ 0.00																									
Fee for Petition to Revive Unintentionally Abandoned Application (\$1370.00 – Small Entity = \$685.00)		\$ 0.00																									
<b>TOTAL FEES ENCLOSED =</b>		<b>\$ 1486.00</b>																									
		Amount to be: refunded \$ Charged \$																									
a. <input checked="" type="checkbox"/> A check in the amount of \$1486.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. 14-1140 in the amount of \$_____ to cover the above fees. A duplicate copy of this form is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 14-1140. A <u>duplicate</u> copy of this form is enclosed. d. <input type="checkbox"/> <b>CREDIT CARD PAYMENT FORM ATTACHED.</b> e. <input checked="" type="checkbox"/> The entire content of International Application No. PCT/JP03/06796 and any U.S. and foreign application(s) corresponding thereto, and _____, referred to in this application is/are hereby incorporated by reference in this application.																											
<b>NOTE: Where an appropriate time limit under 37 C.F.R. 1.494 or 1.495 has not been met, a petition to revive (37 C.F.R. 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</b>																											
<b>CORRESPONDENCE ADDRESS</b> Direct all correspondence to:																											
<input checked="" type="checkbox"/> <b>Customer Number:</b> <b>23117</b>																											
Type Customer Number here																											
 <b>Frank P. Presta</b> NAME																											
<b>19,828</b> <b>November 30, 2004</b> REGISTRATION NUMBER Date																											
Telephone: (703) 816-4000 FPP:cr																											